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RESULT 1

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LOCTES

DEFINITION

MONOSPROSE Montee 10kb plasmid UPSCIM library Mus musculus genomic clone UNGCOMONOSORO 8, DNA Requence

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/clone ib="Mouse 10kb plusmid UUGCIM library"
/clone lib="Mouse 10kb plusmid UUGCIM library"
/sex="Male"
/lat host="E. Coli strain XLIC Grid, Tl-resistant, F-"
/note-"Vector. FWD42nv; Furified genemic DNA from M.
nusculus CS7BL/67 (male) was obtained from the Jackson
Lat ratery Mouse FRA Fescurse
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamicully sheared by repeated passage through a
n not inch orifice at constant velocity. The choared PNA
was blunt end repaired with T4 FNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored bNA was purified and size selected for a 7.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4712114|gh|AF12072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XLIC Scid (Stratagene) cells
and selected for ampicillin resistance."
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Malaria parasite P. falciparum.

Plasmodium falciparum

Eukanyota, Alveolata, Apicomplexa, Haemosporida, Plasmodium.

E (bases 1 to 50)

S Táng, K. folle, P. Chakrabarti, D. Haywood, F. Clifton, S. Pape, D.,

Marra, M., Hillier, L., Martin, J., Wylie, T., Dante, M., Theising, B.,

Rowers, Y., Gibbons, M., Pitter, E., Rennett, J., Jantes, E., Fonko, I.,

Ragareishvili, B., Belaygorod, L., Franklin, C., Carr, L., Grow, A.,

Maguire, L., Richey, J., Wadkins, J., Kennedy, S., Levinso, D.,

WashU Plasmodium EST Project

Unpublished (2001)

Contact: L. David Sibley

WashU Plasmodium EST Project

Washington University School of Medicine
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PÉESTGAPHAMES YI PLASSECTION (ALTIKATUM
falciparum menA 5', mPNA sequence
BQ577141
BQ577141.1 GI:21480458
                                                                                            Email, ddunn@genetics.utah.edu
insert Length, 18000 Std Error 6 66
Plate, 2652 row: B column: 03
Seg primer: CACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop, 42.
                                                                                                                                                                                                                                                                                                                    musculus"
                                                                                                                                                                                                                                                                                                                                        /stiain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UJGC2M0052B03"
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/organism="Mus
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Fm. 308, Birmrdira
84112, USA
Tel: 801 585 5606
Fax. 801 585 7177
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/organism="Plasmodium falciparum"
// organism="Plasmodium falciparum" / db xref="taxon:5833"
// clone_lib="Plasmodium falciparum 3D7 asexual cDNA"
// lab_host="DH10B (GeneHog, Invitrogen, Inc.)"
// note="Vector: pBluescript SK plus; Site_1: EcoRI; Site_2:
XhoI; Library was constructed by Debopam Chakrabarti.
Total RNA samples were isolated from mixed stage
saponin(0.1%)-lysed P. falciparum 3D7 infected
erythrocytes by the acidic guanidinium-phenol chloroform
method. The poly A+ RNA was isolated by the polyAT-Tract
mRNA isolation system (Promega, WI) using streptavidin
Magnesphere particles. Directional cDNA libraries were
constructed by oligo d(T) priming of poly(A) + RNA (5mg)
into EcoRI and XhoI sites of I ZapII vector using the Zap
cDNA synthesis kit (Stragene, CA). The average size of the
cDNA inserts in the library was between 1.0 and 1.5kb.
Clones were mass excised using the ExAssist helper phage
(Stratagene), the phagemids were precitptated with PEG
8000 and extracted with phenol/chloroform. Phagemid DNA
was electroporated into DH10B cells."
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1M0356A24F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0356A24 F, DNA sequence.
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AZ511352.1 GI.10692668
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Murinae; Mus
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4444 Forest Park Parkway, Box 8501, St. Louis, MO 6310

Tel: 314 286 1800

Fax: 314 286 1810

Email: est@watson.wustl.edu

Library was constructed by Debopam Chakrabarti DNA sec

Washington University Genome Sequencing Center For infobtaining a clone please contact: L. David Sibley

(sibley@borcim.wustl.edu), Washington University

Seq primer: -40UP from Gibco.
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae,
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; Pred. No. 1.8e+05;
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Insert Length: 10000 Std Error:
Plate: 0356 row. A column: 24
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larity 86.7%;
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Contact: Robert B. W
University of Utah G
University of Utah
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112, USA
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k: 801 585 7177
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

E 1 (bases 1 to 49)

S Hillier,L., Allen,M., Bowles,L., Dubuque,T., Geisel,G., Jost,S.,

Krizman,D., Kucaba,T., Lacy,M., Le,N., Lennon,G., Marra,M., Martin

,J., Moore,B., Schellenberg,K., Steptce,M., Tan,F, Theising,B.,

White,Y., Wylie,T., Waterston,R. and Wilson,R.

WashU-NCI human EST Project

Unpublished (1997)

Contact: Wilson RK

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ab65h08.s1 Stratagene lung carcinoma 937218 Homo sapiens cDNA clone IMAGE:845727 3' similar to gb:X63657 rnal FOLLICULAR VARIANT TPANSLOCATION PROTEIN 1 PPECUFSOF (HTMAN), FRNA sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 29-JAN-1998
                                                                                                                                                                                                                                                                    /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"/note="Vector: PWD42nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Email: est@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Seq primer: -40ml3 fwd ET from Amersham
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0
                                                                                                                     organism="Mus musculus"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0356A24"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
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Fred. No. 2.2e+05;
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  CGTTGTAAAACGACGGCCAGT
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                                                 .ty sequence stop: .
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Seq primer: CGTTGTAAAA
Class: plasmid ends
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ilarity 92.5%;
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Eukaryora; Meracoa; Chordata; Craniata; Vertebrata; Eutheleostomi,
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 50)
2 (bunn, D., Aoyagi, A., Parber, M., Reacorn, T., Pedersen, T., Peilly, M., Rose, M., Rose, P., Stokes, P., Tingey, A., von Niederhausern, A.
2 and Wright, D., Weiss, P.
3 Mouse whole genome scaffolding with paired end reads from 10kb
2 plasmid inserts
Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                genomic
                                                                                                                                                                                            /organism="Homo sapiens"
/db_xref="taxon:9606"
/clone_lib="Stratagene lung carcinoma 937218"
/clone_lib="Stratagene lung carcinoma 937218"
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/tissue_type="lung carcinoma"
/cell_line="NCI-H69"
/dev_stage="cell line NCI-H69"
/dev_stage="cell line NCI-H69"
/lab_host="SOLP (kanamycin resistant)"
/note="Organ-lung, Vector: pRluescript SK-, Site_1: Bcc, note_2: XhoI; Cloned unidirectionally. Primex: Oligo dT. Small cell carcinoma cell line NCI-H69. Average insert size. 1 n kb, Uni-ZAP XP Vector, ~5' adaptor sequence. 5' GAATTCGGCAGGAG 3' ~3' adaptor sequence. 5' CTCGAGTTTTTTTTTTTTTT] 3'"
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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IMestandap Meuse lokb plasmid miggim library Mus museulus
clone UUGCIMestanda P, DNA sequence
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0546C08"
/clone_lib="Mouse_l0kb_plasmid_UUGC1M_library"
/sex="Male"
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Pred. No. 20+05;
0; Mismatches 3; Indels
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Insert Length: 10000 Std Error: 0.0
Plate: 0546 row: C rolumn: 08
Seg primer: CACACAGGAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 50.
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University of Utah Genome Center
University of Utah
 / sequence stop.
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similarity 92.5%;
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High quality sequence
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was hydrodynamically sheared by repeated passage through a 0 nos inch orifice at constant velocity The sheared but the sheared but ones inch orifice at constant velocity. The sheared but was blunt end-repaired with T4 DNA polymerase and T4 polymurlectide kinase. Adaptor oligonurlectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pulsamid P1. The vector was ligated inducible derivative of plasmid P1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into themically-competent E relixing transformed into adaptored for ampicillin resistance."
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/db_xref="taxon:6279"
/clone="AFCF2D03"
/clone_lib="Brugia malayi adult female cDNA (SAW96MLW-BmAF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FST 02-MAR-1998
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Onchocercidae, Brugia.
1 (bases 1 to 49)
Blaxter,M.L., Waterfall,M., Daub,J., Dizotte,M., Raron,L. and Jone
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/dev_stage="adult"
/lab_host="XL1-Blue MRF'"
/note-"Vector: Lambda Uni-ZAP XP; Site_1: Err RI; Site_2
Xho I; Lymphatic filarial nematrode parasite of humans.
Xho I; Lymphatic filarial nematrode parasite of humans.
mRNA was prepared from approximately 50 adult females
isolated from the peritoneal cavity of jirds and
converted to double-stranded cDNA
transcriptase and olige(dT) followed by FNase H and DNA
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MFAFCF2D03T3 Frugia malayi adult female CDNA (SAW96MLW-BmAF)
malayi cDNA clone AFCF2D03 5', mPNA sequence
AA842027
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 50;
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Unpublished (1996)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          49
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Pred. No. 2.1e+05,
0; Mismatches 5;
Laboratory Mouse DNA Resource
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Institute of Cell, Anima
University of Edinburgh
Ashworth Labs, King's B
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Conservative O
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Brugia malayi
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10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi 4732114 | gb | AF129072.1), a copy.number inducible derivative of plasmid R1. The vector was ligated
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(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
                                                                                                                                                                                                                                                                                                                                                                                      49 bp DNA linear GSS 21-FEB-2002 2M0146F20R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0146F20 R, DNA sequence.
AZ846608 AZ846608
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longagre, S., Mahmoud, M., Meenen, E., Pedersen, T., Peilly, M., Rose, M., Pose, P., Stokes, P., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
  ecombinants
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x 10E6 independent recombinant
size is ~900bp.The library was
Michelle Lizotte-Waniewski. The
om Dr.S.A.Williams, email:
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/sex="Male"
/lab_host="E. Coli strain XL10-Gold, Tl-resistant,
/note="Vector: PWD42nv, Purified gencmic DNA from Musculus C57BL/6J (male) was obtained from the Jac
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Mammalia, Eutheria; Rodentia; Sciurognathi, Muridae;
pol I. The library has 5 \times 10E6 independent and the average insert size is ~900bp.The l
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University of Utah Genome Center
University of Utah
Pm. 309, Biomedical Polymers Pesearch Bldg
                                                                                                                                                                      Score 34.8; DB 9;
Pred. No. 2.3e+05;
0; Mismatches 7;
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Insert Length: 10000 Std Error: 0.00
Plate: 0146 row: F column: 20
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0146F20"
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Seq primer: CACACAGGAAAAAC
Class: plasmid ends
High quality sequence stop: 49
Location/Qualifiers
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                                                                                   genome@smith.edu."
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ilarity 84.8%;
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Tel: 801 585 5606
Fax: 801 585 7177
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TITLE

COMMENT

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi | 4732114 | gb | AF129672.1), a copy-number inducible derivative of plasmid R1. The vector was ligated
                   purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Pose, M., Stokes, R., Tingey, A., von Niederhausern, A and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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1M0127118R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0127118 R, DNA sequence.
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adaptors complementary to the insert adaptors and
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Pred. No. 2.3e+05;
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Tel: 801 585 7177

Fax: 801 585 7177

Fmail: ddunn@genetics.urah edu

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CACACAGGAAACAGCTATGACC
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0127118"
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University of Utah
Pm. 308, Bicmedical Polymers Pes
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Class: plasmid ends
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Matches

Query

Best

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/abb_host="E. Coli strain XLIO-Gold, TI-resistant, F-"
/note="Vector: PWD42nv; Purified genomic DNA from M.
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Pesources
(http://www.jax.org/resources/documents/dnares/) The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis Vector DNA was prepared from a derivative
of pWD42 /gi|477:114/gb|AF129772 1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
                        annealed to
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                                                                     gene) cells
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Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Mammalia; Eutheria; Podentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 40)
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adaptors complementary to the insert adaptors and
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               purified. The sheared, adaptored mouse DNA was adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Strata and selected for ampicillin resistance."
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1MoofselAF Moose 10kb placmid mog1M library Mus :
clone uuGC1M0052E18 F, DNA sequence.
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                                                                                                                                                                                                Score 34.6; DB 17;
Pred No. 2 4e+05;
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Insert Length: 10000 Std Error-
Plate: 0052 row. E column. 18
Seg primer: CGTTGTAAAAGGACGGCAGT
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/db_xref="taxon:10090"
/clone="UJGC1M0052E18"
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sex="Male"
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84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
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KEYWORDS

SOURCE

RESULT 9 AZ328467

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with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, P., Aoyagi, A., Barber, M., Reacern, T., Physal, B., Hamil, C., Islam, H., Longacre, S., Mahmond, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Pose, P., Stokes, P., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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IMC144D1FF Mouse 16kb plasmid TTGC1M library Mus musicius slone UUGC1M0144D16 R, DNA sequence.
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0144D16"
/clone_lib-"Mouse 10kb plasmid UUGC1M library"
                                                                                                                                                                                                             Length 40;
                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                          0.6%; Score 34.2; DB 17; llarity 92.3%; Fred. No. 3.2e+05; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                           84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error 0
Plate: 0144 10w. B column. 16
Seg primer: CACACAGGAAACAGCTATGACC
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University of Utah Genome Center
University of Utah
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Location/Qualifiers
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Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (3i|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated
                          purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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2M0156K04F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0156K04 F, DNA sequence.
AZ853064
AZ853064 1 GI-13040804
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University of Utah Genome Center
University of Utah
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                                                                                                                                                                                                                                                                               Score 34.2; DB 17;
Pred. No. 2.9e+05;
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/db_xref="taxon:10090"
/clone="UUGC2M0156K04"
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larity 83.0%;
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84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
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TITLE

COMMENT

FEATURES

KEYWORDS

SOURCE

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Best

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Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWE42 (gi/4732114|gb|AF129672.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
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with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Eukarycta; Metazca; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 47)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
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2M0170N09R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0170N09 R, DNA sequence.
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University of Utah Genome Center
University of Utah
Em. 308, Biomedical Polymers Pesearch Rldg
84112, USA
                                                                                                                                                                   Score 34.2; DB 17;
Pred. No. 2.9e+05;
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/db_xref="taxon:10090"
/c1one="UUGC2M0170N09"
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Seg primer: CACALACTER
Class: plasmid ends
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Tel: 801 585 5606
Fax: 801 585 7177
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ACCESSION VERSION KEYWORDS

AZ864870

RESULT

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Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/) The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
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1 (bases 1 to 47)

S Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Mahmoud,M., Meenen,E., Pedersen,T., Peilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

Unpublished (2000)

Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 30R, Biomedical Polymers Pesearch Pldg, 20 S 2010 E, SIC, UT 84112, USA
               purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0174M10"
/clone_lib="Mouse_10kh_plasmid_UUGC1M_library"
/sex="Male"
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2M0174M10R Mouse 10kb plasmid INGC1M library Mus muscul
clone UUGC2M0174M10 R, DNA sequence
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Tel: 801 585 5£06
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AUTHORS
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COMMENT

FEATURES

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Laboratory Mouse DNA Resource

"Eff (/www.jax org/resource)

was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy.number inducible derivative of plasmid R1. The vector was ligated
                purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/note="Vector FWD42nv, Purified genemic DNA from M.
musculus C57BL/6J (female) was obtained from the Jackson
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Pose,M., Pose,P., Stokes,P., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
adaptors and
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2M9256J19F Mouse 10kb plasmid UUGC2M library Mus musculus genom
clone UUGC2M0256J19 F, DNA sequence.
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Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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/sex="Female"
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larity 83.0%; Pred. No. 2.9e+05;
Conservative 0; Mismatches 8
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Insert Length: 10000 Std Error-
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/db_xref="taxon:10090"
/clone="UUGC2M0256J19"
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High quality sequence stop: '
Location/Qualifiers
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Tel: 801 585 5606
Fax: 801 585 7177
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AZ979665/c
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Hordeum vulgare subsp. vulgare.
Hordeum vulgare subsp. vulgare
Hordeum vulgare subsp. vulgare
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Pooideae
; Triticeae; Hordeum.
1 (bases 1 to 49)
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2M0010A23F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0010A23 F, DNA sequence.
AZ776590
AZ776590.1 GI:12904318
GSS.
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Dunn, D., Acyagi, A., Barber, M., Beacorn, T., Dwal, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Pose, M., Pose, P., Stokes, P., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                              /clone_lib="K. Sato unpublished cDNA library: Hordeum
/clone_lib="K. Sato unpublished cDNA library: Hordeum
vulgare subsp. vulgare shoots germination"
/tissue_type="shoots"
/dev_stage="germination"
25 c 0 g 24 t
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                             /organism="Hordeum vulgare subsp. vulgare"/cultivar="Haruna Nijo"
/db_xref="taxon:112509"
/clone="bags16a08"
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Contact: Kazuhiro Sato
Research Institute for Bioresources
Okayama University, Barley Germplasm Center
Chuo 2-20-1, Kurashiki, Okayama 710-0046, Japa
Email: kazsato@rib okayama-u.ac.jp,
URL:http://www.rib.okayama-u.ac.jp/barley/
Sato, K., Saisho, D., Takeda, K., Shini, T. and Kosubmission;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Insert Length: 10000 Std Error:
Plate: 0010 row: A column: 23
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Seq primer: CGTTGTAAAACGACGGCCAGT
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University of Utah Genome Center
University of Utah
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84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
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/db_xref="taxon:3352"
/clone_lib="Pine_Lambda_Zap_Xylem_library"
/tissue_type="differentiating_xylem"
/note="Vector: Lambda_Zap; Site_1. EcoRI; Site_2: XhoI;
Differentiating_xylem_was_collected_from_the_main_stem_of_a_35-year_old_loblolly_pine_tree_harvested_during_the growing_season. RNA_isolation_and_library_preparation_followed_the_methods_of_Allona_et_al., PNAS_95:9693-8,
                                                                                                                                                                                                                                                                                                                                                                                                                              Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Coniferopsida; Coniferales; Pinaceae; Pinus; Pinus. 1 (bases 1 to 49)
Whetten, P W , Kinlaw, C.S., Retzel, E. and Sederoff, R.R.
The Pine Gene Discovery Project
Unpublished (1999)
Contact: Ross Whetten
Forest Biotechnology Group
North Carolina State University
Dept. of Forestry, NC State University, 6113 Jordan Hall, Raleigh
                                                     cells
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with adaptors complementary to the insert ada purified. The sheared, adaptored mouse DNA wa adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Strat and selected for ampicillin resistance."
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AV833587 K. Sato unpublished cDNA library: Hordeum vulgare shoots germination Hordeum vulgare subsp. vulçune bags16a08, mRNA sequence.

AV833587.1 GI:14525676
                                                                                                                                          Length 48;
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AI813244 1 GI:5424459
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Pred. No. 2.9e+C5,
0; Mismatches 3;
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Pred, No. 2.9e+05;
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919-515-7800
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1: rosswhet@unity.ncsu.edu
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ilarity 92.3%;
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Seq primer:
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Tel:
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AV671476/c
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                                                                                                                                                                                                                                            (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared ENA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwm42 'gi|4742114|gb|AF120072 1), a copy number inducible derivative of plasmid P1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E coli X110-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                   was ligated
                                                                                                                                                                                                                                                                                                                                                                                                              a derivative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         annealed to
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                                                                                                                                                                     /lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Ciona intestinalis.

Ciona intestinalis.

Ciona intestinalis

Eukaryora; Metazoa; Chordata, Urochordata, Ascidiacea, Ent
Phlebobranchia; Cionidae; Ciona.

1 (bases 1 to 42)

Satoh, N., Satou, Y., Kchara, Y. and Shin-i, T.

Expressed genes in Ciona intestinalis

Unpublished (2000)

Contact: Nori Satoh

Department of Zoology

Kyoto University

Sakyo-ku, Myoto, Myoto For 950; Jagan

Tel: 81-75-763-4081

Fax: 81-75-705-1113

Email: satoh@ascidian.zool.kyoto-u.ac.jp.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /dev_arri-
/clone="cieg18004"
/clone_lib="Mori Satoh unpublished cDNA library,
/tissue_type="whole animal"
/dev_stage="egg"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AV957667 Nori Satoh unpublished cDNA library, egg Ciona intestinalis cDNA clone cieg18004 5', mRNA sequence AV957667 AV957667 GI:19445966
                                              /organism="Mus musculus"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0010A23"
/clone_lib="Mouse_10kb_plasmid_UUGC1M_library"
/sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 50;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 17;
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Pred No 2 Re+05;
), Mismatches 8,
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/db_xref="raxon:7719"
ity sequence stop. 'Location/Qualifiers
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Best Local Similarity 83 A
Watches 39; Conservative
High quality
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AUTHORS
TITLE
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COMMENT
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LOCTIS
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KEYWORDS
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AV947640 Nori Satok unpublished cDNA library, young adult Clona intestinalis cDNA clone ciad01g16 5', mRNA sequence.
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1 (bases 1 to 49)
Satoh, N., Satou, Y., Kohara, Y. and Shin-i, T.
Expressed genes in Ciona intestinalis
Thrublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                  Ent.erigena;
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AV671476 Nori Satch unpublished cDNA library Ciona intestinalis cDNA clone citb4e19 5', mRNA sequence.
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                                                    Length 42;
1 others
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                                                                                       Indels
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                                                                                                                     Shin-i,T
                                                DR 10;
                                                                                                                                                                                                                                                                                                                                                                       Ciona intestinalis
Eukaryota, Metazoa, Chordata; Ulucherdata
Phlebobranchia; Cionidae; Ciona.

(bases 1 to 47)
Satoh, N., Satou, Y., Kohara, Y. and Shin-i,
Expressed genes in Ciona intestinalis
Unpublished (2000)
Contact: Nori Satoh
Department of Zoology
Kyoto University
Sakyo-ku, Kyoto, Kyoto 606.8502, Japan
Tel: 81-75-705-1113
                                                  Score 33 6; DR 10
Pred. No. 3.9e+05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Email: satobascidian zool kyoto-u.ac.jp
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="Ciona intestinalis"
/db_xref="taxon:7719"
/clone="ciad01g16"
/clone_lib-"Nori Satoh ungublis
adult"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /tissue_type="whole animal"
                                                                   ed. No. 3.96
Mismatches
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/dev_stage="young adult"
/note="Vector: pBluescript
23 c 0 g 23 t
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                                               0.6%;
ilarity 87.8%;
Conservative (
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Ciona intestinalis
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EST.
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es 36; Conserv
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AV671476.1
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RESULT
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1 (bases 1 to 43)

5 Dunn, D., Acyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Fm. 30R, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Ē,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                13 by DNA linear GSS 25 IM0080C14F Mouse 10kb plasmid UUGC1M library Mus musculus AZ345546
                                                                                                                                                                                                                         /clone_lib="Nori Satoh unpublished cDNA library"
/tissue_type="whole animal"
/dev_stage="tailbud"
/note="Vector: pBluescript SK"
0 c 20 g 0 t 5 others
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/sex="Male"
                                                                                                                                                                                                                                                                                                                                                              Length 49;
                                                                                                                                                                                                                                                                                                                                                                                                 Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 33.6; DB 10;
Pred. No. 3.6e+05;
0; Mismatches 5;
                                Kyoto University
Sakyo-ku, Kyoto, Kyoto 606-8502, Japan
Tel: 81-75-753-4081
Fax: 81-75-705-1113
Email: satoh@ascidian.zool.kyoto-u.ac.jp
Location/Qualifiers
                                                                                                                                                                   /organism="Ciona intestinalis"
/db_xref="taxon:7719"
/clone="citb4e19"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0080 row: C column: 14
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Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 43.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0080C14"
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/tissue_type="who
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GSS.
                                                                                                                                                                                                                                                                                                                                                         0.6%;
nilarity 87.8%;
Conservative (
 Contact: Nori Satoh
Department of Zoology
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Tel: 801 585 5606
Fax: 801 585 7177
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les 36; Conser
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308, L
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AZ345546/c
LOCUS
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AUTHORS
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129072.1), a copy.number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Phlebobranchia; Cionidae; Ciona.

E 1 (bases 1 to 44)

S Satch, N., Satou, Y., Kohara, Y. and Shin-i, T.

Expressed genes in Ciona intestinalis

Unpublished (2000)

Contact: Nori Satoh

Department of Zoology

Kyoto University

Sakyo-ku, Kyoto, Kyoto 606-8502, Japan

Tel: 81-75-753-4081

Fax: 81-75-705-1113

Email: satch@ascidian.zool.kyoto-u.ac.jp.
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AV672475 Nori Satoh unpublished cDNA library Ciona intestinalis
cDNA clone citb5m21 5', mRNA sequence.
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/tissue_type="whole animal"
/dev_stage="tailbud"
/note="Vector: pBluescript SK"
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                                                                                                                                                                                                                                                                                                                                                                                    17; Length 43;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 33.4; DB 17;
Pred. No. 4.2e+05;
0; Mismatches 6;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.6%; Score 33.4; DB 10
86.0%; Pred. No. 4.1e+05;
cive 0; Mismatches 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="Ciona intestinalis"
/db_xref="taxon:7719"
/clone="citb5m21"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GI:10110474
                                                                                                                                                                                                                                                                                                                                                                                   th 0.6%;
Similarity 86.0%;
37; Conservative C
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Ciona intestinalis
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AV672475.1
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Best Local S
Matches 37
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Best Local
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AUTHORS
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AV672475
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Best Local S
Matches 37
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                                                                                                                                                                          Embryophyta, Tracheophyta;
; Poales; Poaceae; Pooideae
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                 EST 22-JUN-2001
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, R., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Peilly, M., Rose, M., Rose, R., Stokes, P., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                    anlgare subsp
 AVRINGSOU EST 22-JUN-AVRINGSOU EST 22-JUN-AVRINGSOU FATO Unpublished CDMA library: Hordoum vulgare subs
vulgare shoots germination Hordoum vulgare subsp. vulgare cDNA
clone bags15c07, mRNA sequence.
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Location/Qualifiers
                                                                                                                                                                                                                                                           Barley EST sequencing project in NIG and Okayama Univ Unpublished (2001)

Copract Parubire Sate
Research Institute for Bioresources
Okayama University, Barley Germplasm Center
Chuo 2 20 1, Furashiki, Okayama 710,0046, Japan
Email: kazsaro@rib okayama-u ac jp,
URL.http://www rib okayama-u ac jp/barley/
Sato,K , Saisho,D , Takeda,K , Shini,T and Kohara,Y
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism-"Hordeum vulgare subsp vulgare"
/cultivar="Haruna Mijo"
/db xref="taxon:112509"
/clone="bags15c07"
/clone lib="K Sate unpublished cDNA library
vulgare subsp. vulgare shoots germination"
/tissue_type="shoots"
/dev_stage="germination"
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CMOD49AIRF MODSE 19ME Flasmid ITGG7M library Musclone UUGC2M0249AIR F, DNA Sequence.
AZG74579
AZG74579 GI-13845806
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Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Pesearch Bldg.,
                                                                                                                                    Hordeum vulgare subsp. vulgare
Hordeum vulgare subsp. vulgare
Eukaryota; Viridiplantae; Streptophyta, Eml
Spermatophyta; Magnoliophyta; Liliopsida;
; Triticeae; Hordeum,
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1.1e+05;
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Pred. No.
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86.0%;
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Best Local Similarity
Local 37, Conserv
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submission;
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(http://www.jax.org/resources/draments/dnares/). The DNA was hydrodynamically sheared by repeated passage through a non-sinch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymerase blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9 k to 10.5 kb range using preparative agarose gelefortrophoresis. Vector NNA was propared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored resistance into adaptored for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                               /lab_host="E. coli strain XL10-Gold, Tl-resistant, F."
/note="Vectur. FWF42hv, Fullfied genule TNA from M.
musculus C57BL/6J (female) was obtained from the Jackson
Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ciona intestinalis.
Ciona intestinalis
Ciona intestinalis
Eukaryota, Metacca, Cherdata, Urechildata, Assidiares, Forerlyona,
Phlebobranchia, Cionidae, Ciona.
1 (bases 1 to 47)
Satoh, N., Satou, Y., Kohara, Y. and Shin-i, T.
Expressed genes in Ciona intestinalis
Unpublished (2000)
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AV949200 Nori Satob unpublished «DNA library, larva Giona
intestinalis cDNA clone cilvõõgi2 5", mRNA soquence.
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                                                                                                                                                                                                                                                                              /organism="Mus musculus"
/strain="C57RL/6J"
/db_xref="taxon:10090"
/clone-"UUGC2M0249A18"
/clone_lib="Mouse 10kb plasmid UUGC2M library"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 44;
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Contact. Nori Satch
Department of Zoclogy
Kyoto University
Sakyo-ku, Kycto, Kyoto 606-8502, Japan
Tel: 81-75-753-4081
Fax: 81-75-705-1113
Email. satch@ascidian.zocl.kycto-u.ac.jp.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Similarity 86.0%; Prod. No. 4.1e+05; 7; Conservative 0, Mismatches 6,
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                                            Fax: 001 303 /1//
Email: ddunn:genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0249 row: A column: 18
Seg primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                               High quality sequence stop: '
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                    /sex="Female"
Tel: 801 585 5606
Fax: 801 585 7177
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AV949200 1
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/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
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Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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2M0184N24F Mcuse 10kb plasmid UJGCIM library Mus musculus genomic clone UUGC2M0184N24 F, DNA sequence.
AZ871535
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Murinae; Mus
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                                                                      larva"
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/organism="Ciona intestinalis"
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/clone="cilv02g12"
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/tissue_type="whole animal"
/dev_stage="larva"
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/note="Vector: pBluescript SK"
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae;
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                                                                                                                                                                                                                       Score 33.4, DB 10 Pred. No. 3.9e+05;
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Tel: 801 585 5606
Fax: 801 585 7177
Email ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0184 row: N column: 24
                                                                                                                                                                                                                                                                Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 38.
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|organism="Mus musculus"
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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/db_xref="taxon:10090"
/clone="UUGC2M0184N24"
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/lab_host="E.
                                                                                                                                                                                                                    0.6%;
larity 86.0%;
Conservative
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AZ871535
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LOCUS

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/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi |4732114 |gb |AF129072.1), a ccpy number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, P., Stokes, P., Tingey, A, von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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/db_xref="taxon:10090"
/clone="UUGC2M0010C14"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
                                                                                                                                                                                                                            Length 38
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Pred. No. 4.8e
0; Mismatches
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Insert Length: 10000 Std Error. 0
Plate: 0010 row: C column: 14
Seg primer: CACACAGGAAACAGCTATGACC
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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High quality sequence stop: 50.
Location/Qualifiers
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92.1%;
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Fax: 801 585 7177
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84112, US
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AUTHORS
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of pWD42 'gi|4732114|gh|AF129072.11', a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) rells and selected for ampicillin resistance."
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through 0 005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymorlectide kinase. Adaptor cligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to adaptored DNA was purified and size-selected for a 9.5 to loos kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative
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rinae, Mis
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Dunn, D., Anyagi, A., Barher, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Peilly, M., Rose, M., Pose, P., Stokes, P., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, P.
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/note="Vector: PWD42nv; Purified genomic DNA from N
musculus C57BL/61 (male) was obtained from the Jac
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2M0103M09F Mouse 10kb plasmid UNGCIM library Mus muscul
clone UNGC2M0103M09 F. DNA sequence
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                                                                                                                                                                                                                                                     Length 50;
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University of Utah Genome Center
University of Utah
Rm. 308, Ricmedical Polymers Pesearch Bldg
                                                                                                                                                                                                                                                  Score 33-2; DR 17;
Pred. No. 4.1e+05;
0; Mismatches 8;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0103 row: M column: 09
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Seq primer: CGTTGTAAAAGGACAGT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Class: plasmid ends
High quality sequence stop: E
Location/Qualifiers
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                                                                                                                                                                                                                                              0 6%;
Similarity 82.6%;
8; Conservative (
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84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
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Unpublished (2000)
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Matches 38;
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COMMENT

FEATURES

KEYWORDS

VEPSION

RESULT

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/organism="Homo sapiens"
/db_xref-"GDB:495377"
/db_xref="taxon.9&n6"
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/dab_bost="SOLR cells (kanamycin resistant)"
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//note-"Organ. pBluescr
of pWP42 (gi 4732114 | gb AF123972.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically competent E. coli XL10 Gold (Stratagene) cells and selected for ampicillin resistance."
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1 (bases 1 to 42)

Hillier, L., Lennon, G., Becker, M., Bonaldo, M.F., Chiapelli, B., Chissoe, S., Dietrich, N., Purayoe, T., Favello, A., Gish, W., Hawkins, M., Hultman, M., Fucaba, T., Laqy, M., Lo, M., Lo, N., Mardis, E., Moore, B., Morris, M., Parsons, J., Prange, C., Pifkin, D., Pohlfing, T., Schellenberg, K., Soares, M.B., Tan, F., Thierry-Meg, J., Trevaskis, E., Inderwood, K., Wohldmann, P., Waterston, P., Wilson, P., and Marra, M. Generation and analysis of 280,000 human expressed sequence tags
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yb41a05 rl Stratagene fetal spleen (#937205) Homo sapiens cDNA
clone IMAGE 73712 г. similar to rotains MEF25 reportive element,
mRNA sequence.
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This clone is available royalty-free through LLML ; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
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4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
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Fred. No. 4.1e+05;
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9⊵+∩5;
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larity 02.1%;
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High quality sequence
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87 88;
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35, Conserv
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T54684.1
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Contact.
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Conservative
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AUTHORS
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COMMENT
                                                                                                                                    RESULT 31
AZ941720
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KEYWORDS
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(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pwD42 (gi | 4732114 | gt | AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Stokes, R., Tingey, A., von Niederhausern, A. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                        AZ826548

2M0102I02R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0102I02 R, DNA sequence.
AZ826548
AZ826548.1 GI.12996552
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/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F
/note="Vector: PWD42nv; Furified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jack
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; I
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae;
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  Indels
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                    5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0102 row: I column: 02
Seq primer: CACACAGGAAACAGCTATGACC
  Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0102IC2"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unpublished (2000)
Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Tel: 801 585 5606
Fax: 801 585 7177
 Conservative
                                                                                                                                                                                                                                                                                                   house mouse.
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 36;
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ORIGIN
                                                                                                                                    RESULT 30
AZ826548/c
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AUTHORS
                                       1064
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Length 42;

DB 17; 4.9e+05;

33; No.

Score Pred.

0.6%;

Similarity

Match

Query Best 1

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi | 4732114 | gb | AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli X10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/sex="Female"
/lab_host="E. coli strain XL10-Gold, Tl-resistant, F-"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (female) was obtained from the Jackson musculus C57BL/6J (female) was obtained from the Jackson fraboratory Mouse DNA Resource
Laboratory Mouse DNA Resources/documents/dnares/). The DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia, Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 42)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb
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2M0201003R Mouse 10kk plasmid TUGC2M library Mus musculus genomic
clone UUGC2M0201003 R, DNA sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0201003"
/clone_lib="Mouse 10kb plasmid UUGC2M library"
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                                                     Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Em. 308, Biomedical Polymers Research Bldg.,
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4.9e+05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0201 row: O column: 03
Seq primer: CACACAGGAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 42.
   Mismatches
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Pred. No.
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Unpublished (2000)
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Fax: 801 585 7177
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Best Local
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Sakya.ku, Kyarr, Yy
Tel: 81-75-753-4081
Fax: 81-75-705-1113
    University of Utah
Rm 308, Riomedica
84112, USA
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AUTHORS
TITLE
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KEYWORDS
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IMG299711P Mouse 10kb plasmid TWGCIM library Mus musculus genomic clone UUGCIM0299J11 R, DNA sequence.
AZ479185
AZ479185.1 GI:10638641
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Mus musculus

Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi, Muridae, Murinae, Mus

1 (bases 1 to 38)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Peilly,

M., Rose, M., Rose, P., Stokes, P., Tingey, A., von Niederhausern, A.

and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts

Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /tissue_type="whole animal"
/dev_stage="egg"
/note="Vector: pBluescriet"
                                                                                                                                                                                                                               Ciona intestinalis.
Ciona intestinalis
Eukaryota; Metazoa; Chordata; Prochordata; Ascidiacea; Ent
Phlebobranchia; Cionidae; Ciona.

1 (bases 1 to 46)
Saroh,N. Sarou,Y. Fohara,Y. and Shin-i,T.
Expressed genes in Ciona intestinalis
Unpublished (2000)
Contact: Nori Satoh
Department of Zoology
                                                                                                                                                        Ciona
   \circ
                                                                                                                                     AV963987 Nori Satoh unpublished cDNA library, egg C:intestinalis cDNA clone cieg15n08 5', mRNA sequence AV963987
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Sakyo-Vu, Fyoro, Pyoro 606 R502, Japan
Tel: 81-75-753-4081
Fax: 81-75-705-1113
Email: satoh@ascidian zool kyoto-u.ac.jp.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 81.8%; Pred. No. 4.6e+05;
Matches 36; Conservative 9; Mismatches 8.
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/db_xref="taxon:7719"
/clone="cieg15n08"
/clone_lib="Nori Satoh unpubli
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   Mismatches
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University of Utah Genome Center
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musiculus in Fig. (mair) was certained them the dateson Laboratory Mouse DNA Resource
(http //www jax arg/resources/) The phase was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to end transformed into chemically-competent E coli Xilo-Gold (Stratagene) cells and selected for ampicillin resistance."
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AV6/3/27 Nori Satch unpublished cDNA library Ciona intestinalis cDNA clone citb1510 5', mRNA sequence.
AV6/3/27
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/r.t=="V~risk PWD4Dry, Purified gen_ris DNA from M.
musculus C$78L/63 (male) was obtained from the Jackson
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Ciona intestinalis
Ciona intestinalis
Eukaryota, Metazca, Chordata, Urochordata,
Phlebobranchia, Cionidae, Ciona.
1 (bases 1 to 39)
Satoh, N., Satou, Y., Kohara, Y. and Shin-i, T.
Expressed genes in Ciona intestinalis
Unpublished (2000)
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94 4%; Prod No 5 60+05;
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                                                                                                                               C
                                                                                                                                          Plate: 0299 row: J column: 11
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                              Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0299 row: J column: 11
                                                                                                                                                                                                                                                                                                                 /organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                   /strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0299J11"
                                                                                                                                                                                                                              High quality sequence stop: 38.
Location/Qualifiers
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Department of Zoology
Riomedical
        Fig. USA
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 39)

2 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

Unpublished (2000)

Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT

Fax: 801 585 5606

Fax: 801 585 7177
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2M0146E07F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0146B07 F, DNA sequence.
AZ846058
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jack
Laboratory Mouse DNA Resource
                                                                               /db_xref="taxon:7719"
/clone="citb1510"
/clone_lib="Nori Satoh unpublished cDNA libra
/tissue_type="whole animal"
/dev_stage="tailbud"
/note="Vector: pBluescript SK"
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satoh@ascidian.zool.kyoto-u.ac.jp
Location/Qualifiers
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Pred. No. 5.9e+05;
0; Mismatches 4
                                                             /organism="Ciona intestinalis"
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0146B07"
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Insert Length: 10000 Std Erro
Plate: 0146 row: B column: 0
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High quality sequence stop: ...
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illarity 89.7%;
Conservative (
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Eutheleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 39)

S Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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2M0269N24F Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0269N24 F, DNA sequence.
AZ987023
AZ987023.1 GI:13858250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /lab_host="E. coli strain XL10-Gold, T1-resistant, I/note="Vector: PWD42nv; Purified genomic DNA from Mmusculus C57BL/6J (female) was obtained from the J
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                                                                                                                                                                                                                                                                                                                     Length 39
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Pred. No. 5.9e+05;
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Mismatches
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Insert Length: 10000 Std Error:
Plate: 0269 row: N column: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Seq primer: CGTTGTAAAACGACGGCCAGT
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/db_xref="taxon:10090"
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High quality sequence stop: .
Location/Qualifiers
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ilarity 89.7%;
Conservative 0
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Tel: 801 585 5606
Fax: 801 585 7177
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AZ987023
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AUTHORS
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          Ciona intestinalis.
Ciona intestinalis
Ciona intestinalis
Eukaryota; Metazoa, Chordata; Urocherdata, As
Eukaryota; Metazoa, Chordata; Urocherdata, As
I (bases 1 to 49)
Satoh,N, Satou,Y, Kohara,Y and Shin-i,T
Expressed genes in Ciona intestinalis
Unpublished (2000)
Contact: Nori Satoh
Department of Zoology
Kyoto University
Sakyo-ku, Kyoto, Kyoto 606-8502, Japan
Tel: 81-75-753-4081
Fax: 81-75-705-1113
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                                                                                                                                                                                                                                                                                                                                                                                                 DB 10;
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                                                                                                                                                                                                             satch@ascidian.zool.kyoto-u.ac.jp
Location/Qualifiers
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Sakyo-ku, Kyoto, Kyoto 606-8502, Japan
Tel: 81-75-753-4081
Fax: 81-75-705-1113
Email: satoh@ascidian.zool.kyoto-u.ac.jp.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                              Score 32.6; DB 10
Pred No 5 2e+05;
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/db_xrcf="taxon:7719"
/clone="cieg08d15"
/clone_lib="Nori Satoh unpubli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           u
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ilarity 89.7%;
Conservative (
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Department of Zoology
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Ciona intestinalis.
Ciona intestinalis
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AV955412
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           10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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AV672637 Nori Satoh unpublished cDNA library Ciona intestinalis
cDNA clone citb5124 5', mRNA sequence.
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AV965544.1 GI:194557^
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Ciona intestinalis.
Ciona intestinalis
Eukaryota; Metazoa; Chordata; Urochordata; Ascidiacea;
Phlebobranchia; Cionidae; Ciona.
1 (bases 1 to 41)
Satch,N., Satcu,Y., Kohara,Y. and Shin-i,T.
Expressed genes in Ciona intestinalis
Unpublished (2000)
Contact: Nori Satoh
Department of Zoology
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism="Ciona intestinalis"
/db_xref="taxon:7719"
/clone="citb5124"
/clone_lib="Nori Satch unpublished cDNA libra:
/tissue_type="whole animal"
/dev_stage="tailbud"
/note="Vector: pBluescript SK"
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purified and size-selected
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Sakyo-ku, Kyoto, Kyoto 606-8502, Japan
Tel: 81-75-753-4081
Fax: 81-75-705-1113
Email: satch@ascidian.zool kyoto-u.ac.jp
Location/Qualifiers
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Pred. No. 5.9e
C, Mismatches
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illarity 89.7%;
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Best Loc
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AV672637
LOCUS
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AUTHORS
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JOURNAL
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AV965544
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1 (bases 1 to 47)
Satoh, N., Satou, Y., Kohara, Y. and Shin-i, T.
Expressed genes in Ciona intestinalis
Unpublished (2000)
Contact: Nori Satoh
Ascidiacea; Enterogona;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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/organism="Ciona intestinalis"
/db_xref="taxon:7719"
/clone="cieg19i14"
/clone_lib="Nori Satoh unpublished cDNA library, eg/tissue_type="whole animal"
/dev_stage="egg"
/note="Vector: pBluescript SK"
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was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                 lus genomic
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                            Gaps
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jack
Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                    AZ346663

17 bp DNA linear GS 1M0082C01F Mouse 10kb plasmid UUGC1M library Mus muscu clone UUGC1M0082C01 F, DNA sequence.

AZ346663
AZ346663.1 GI:10425900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="Mus musculus"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0082C01"
/clone_lib="Mouse 10kb plasmid UUGC1M library
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                                                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
University of Utah
Em. 308, Biomedical Polymers Research Bldg,
      5;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.
Plate: 0082 row: C column: 01
Seq primer: CGTTGTAAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 37.
  Pred. No. 5.7e
; Mismatches
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78.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Rm. 302,
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
                         Conservative
                                                                                                                                                                                                                                                                                                                                                                                        house mouse.
                                                                                                                                                                                                                                                                                                                                                                                                              Mus musculus
  Best Local Similarity
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                        36;
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AZ346663
LOCUS
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Length 37;

DB 17;

Score 32.2;

0.6%;

Query Match

0

BASE COUNT ORIGIN

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Pred. No. 7.1e+05;
; Mismatches 3;
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ilarity 91.9%; Pr
Conservative 0;
       Best Local Similarity
Matches 34; Conser
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